

REMARKS/ARGUMENTS

This case has been reviewed and analyzed in view of the Official Action dated 7 June 2004. Responsive to the objections and rejections made by the Examiner in the outstanding Official Action, Claims 1, 6, 11, 12, and 17 have now been amended and Claims 22-26 have been canceled from this case to more clearly clarify the inventive concept of the Applicant. Claims 1-21 remain pending.

The Examiner has objected to the Drawings under 37 C.F.R. § 1.83(a) for not showing every feature of the invention specified in the Claims. Specifically, the Examiner notes that “a differential pair” in claims 23 and 25 is not shown in the Drawings.

Claims 23 and 25 have been cancelled making the rejection moot.

The Examiner objected to Figure 1a as it should be designated by a legend such as Prior Art.

Figure 1a has been revised to include the legend of Prior Art.

The Examiner also objected to Figure 3 stating that “VOHmax” of comparator 360 should be changed to VOLmin and the positive and negative terminals of comparators 350 and 360 need to be shown.

Figure 3 has been revised to correct or include the Examiner’s recommendations.

It is now believed that the requirements of 37 C.F.R. § 1.83(a) have been satisfied.

The specification has been objected to as failing to provide proper antecedent basis for the claimed subject matter. The Examiner stated the specification is not clear in providing antecedent basis and/or in discussing the operation of the circuit for that “a duty cycle of an

output waveform of the output buffer is equal to a duty of the clock input” as recited in claims 6 and 17.

The specification recites in several places that the present invention preserves the duty cycle (page 4, line18; page 3, line17; page 1, line 10; etc.). Additionally, the specification recites that the midpoint symmetry is preserved (Page 7, line 16). Claims 6 and 17 have been amended to more clearly clarify the inventive concept.

The Examiner has further objected to Claims 1-21 because of the following informalities:

Claim 1, line 3, “enable,” should be changed to --enable input,--.

Claim 1, line 16, “resistance,” should be changed to --resistor--.

Claim 1, line 34, “resistance are coupled;” should be changed to --resistor are coupled together;--.

Claim 1, line 36, “coupled;” should be changed to --coupled together;--.

Claims 2-10 are objected to because they include the informalities of claim 1.

Claim 11, line 3, “enable,” should be changed to --enable input,--.

Claim 11, line 16, “resistance,” should be changed to --resistor,--.

Claim 11, line 34, “resistance are coupled;” should be changed to --resistor are coupled together;--.

Claim 11, line 36, “coupled;” should be changed to --coupled together;--.

Claims 12-21 are objected to because they include the informalities of claim 11.

Claims 1 and 11 have been amended to correct the above informalities.

The Examiner has rejected Claims 22-26 under 35 U.S.C. § 112, first paragraph, as failing to comply with the enablement requirement.

Claims 22-26 have been cancelled.

The Examiner has rejected Claims 1-11, 13, 23 and 25 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the applicant regards as the invention.

Claims 1, 11, and 12 have been amended and it is believed that Claims 1, 11, and 12 now satisfy the requirements of 35 U.S.C. § 112, second paragraph.

Claims 22-26 have been rejected under 35 U.S.C. § 102(b) as being anticipated by Hwang et al. (US 2002/0084825 A1).

Claims 22-26 have been cancelled.

The Examiner stated that Claims 11 and 13-21 would be allowed if amended to overcome the informalities set forth above.

The Examiner also stated that Claims 1-10 and 12 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. § 112, second paragraph.

Claims 1, 6, 11, 12, and 17 have been amended and Claims 22-26 have been cancelled. It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectfully requested.

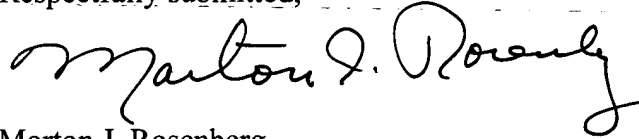
It is respectfully noted that this amendment and response was prepared by Applicant but has been corrected for form and is being submitted by the undersigned Attorney.

MR1035-1308

Application No. 10/661,622

Responsive to Official Action dated 7 June 2004

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Morton J. Rosenberg". The signature is fluid and cursive, with the first name "Morton" being more prominent.

Morton J. Rosenberg
Registration #26,049

Dated: 9/6/04

Rosenberg, Klein & Lee
3458 Ellicott Center Drive
Suite 101
Ellicott City, MD 21043
410-465-6678